(5)

BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work: Maintenance of borewells at Sidedahalli village limit in Bagalagunte Ward No.14

EST.Cost Rs.10.00 Lakhs

BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK:Maintenance of borewells at Sidedahalli village limit in Bagalagunte Ward No.14

						Est.Cost	RS	10.00	Lakhs
Sl. No.	Description Of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage **submersible induction mortor** suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings **15HP 30 stage SE** Page No XXXXIII PWD SR 2014-15								
	15HP 30 stage	No	3				3.00	70600.00	211800.00
2	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per Page No:49 item No 29C/1 PREE- SR 2011-12						1850		
		Mtrs					2000.00	159.50	319000.00
3	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per Specifcation (As Per Rate approved By SE, RDED, Letter No.2081/2010-11 Dt:28-					PWD	SR –	1145 00	
		Nos	10				10.00	1600.00	16000.00
4	Supplying and fixing 50mm GM Gae Vavle (As Per Rate approved by SE, RDED, Letter No.2081/2010-11 Dt: 28-07-2010)								
		Nos					10.00	1145.00	11450.00
5	Supplying and fixing 160mm Borewell cap with clampset (As Per Rate approved by SE, RDED, Letter No.2081/2010-11 Dt: 28-07-2010)							150	
		Nos	5				5.00	690.00	3450.00
6	Supplying and fixing 50mm GI Union (As Per Rate approved by SE, RDED, Letter No.2081/2010-11 Dt: 28-07-2010)								
		Nos	10				10.00	223.70	2237.00
7	Supplying and fixing 50mm GI Elbow (As Per Rate approved by SE, RDED, Letter No.2081/2010-11 Dt: 28-07-2010)								
		Nos	25				25.00	111.80	2795.00
8	Supplying and fixing 50mm GI coller Heavy duty PRED SR 2012-13 P-III S-86								
		Nos	250				250.00	150.00	37500.00

9	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / (Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door								
		Nos	5				5.00	10000.00	50000.00
10	Providing and fixing of 50mm G.I pipe 'C' class heavy duty foe erection of submersible pumpset (As per BWSSB Store Issued Rate)								
		Mtrs	400				400.00	374.00	149600.00
11	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete (As Per Rtae Approved by CE, RDED, Letter No-8650/2003-01 Dt: 8-3-2004)								
		Nos	5				5.00	475.00	2375.00
12	Supplying and fixing 500x500x65mm polished wood board made up not less than 15mm thick plank in front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts, P-346, I-2(f), BWSSB SR 2008-09.								
		Nos					5.00	275.00	1375.00
13	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR Capacity P-354, I-34(a), BWSSB SR 2008-09.								
		Nos					5.00	350.00	1750.00
14	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required P-350, I-13 (E, a), BWSSB SR 2008-09.								
		Nos	0				5.00	1075.00	5375.00
15	Supply 1.1 KV class UG cable from nearest BESCOM pole to panel board including earth work and road restoratio 4 core 16 sqmm. P-378, I-10(d), BWSSB SR 2008-09.								
		Mtrs					100.00	150.00	15000.00
16	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe/ on pole as required, P-379, I-77 (a), BWSSB SR 2008-09.								
		Mtrs					100.00	5.00	500.00
17	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc., complete P-379, I-12 (b), BWSSB SR 2008-09.								
		Mtrs					75.00	50.00	3750.00
18	Supplying and fixing of porcelain fuse channel with cut-out on existing / new wooden panel using neccesary nuts, bolts and washers etc., complete P-32, I-3 (b), PWD ELECTRICAL SR 2010-11.								

		Nos					50.00	219.00	10950.00
19	L hwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. Noll KBS 2.1.C/2.9.4/2.18/2.19 (Pg. No-5, I.No2.4)								
		Cum	1	425.00	0.60	0.90	229.50	259.70	59601.00
20	Providing and installing at site of work P.V.C pipees including cost of pipes and specials and labour including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not leass than 15 cms with gravel or selected earth available from the excavation etc., complete PVC pipes of 6kg/Sqm 75mm Dia.(Page NO-14, iTEM no-3.4.2 (b), of PRE SR 2011-12).								
		Rmt	1	425.00			425.00	157.00	66725.00
21	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. Including cost of all labour complete as per specification. (Pg. No-6, I.No-2.11)								
		Cum	Qty Vide Iteam No 19				229.50	51.41	11799.00
22	Transportation of pumping machineries PRE SR 2011-12 PG 51/10.3.19						8.00	850.00	6800.00
23	Erection of Pumping machineries PRE SR 2011-12 PG 51/10.3.20						8.00	850.00	6800.00
24	Miscellanious and rounding off						L.S		3368.00
								TOTAL	1000000.00
(Rupees Ten Lakhs Only)									

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the BWSSB, PRED, & PWD -SR-2014-15
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.
5 Approved Data Rate Sheet Enclosed

Assistant Engineer
Ward-14

Asst. Exe. Engineer
T.Dasarahalli Sub-Division
B.B.M.P.

Exeutive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. CE/DD/AH/26/14-15 ದಿನಾಂಕ : 29/10/14

ರೂ. 10:00 Lakhs
(Rupees Ten Lakhs Only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ವಿಭಾಗ

29/10/14

ನಂ. CE/DD/TS/76/14-15 ದಿನಾಂಕ : 29/10/14

ರೂ. 10:00 Lakhs
(Rupees Ten Lakhs Only)
ಗೆ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ವಿಭಾಗ

29/10/14